

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows.

Please amend paragraph [0005] as follows:

[0005] The present invention seeks to eliminate the disadvantages of the current state of technology by providing a machine with the revolving piston that is mounted between a sidewall and a curved circumferential wall of a cylinder in (1) a rotating way around two parallel axes of rotation, which are normal to the side walls of the cylinder, and (2) a sliding way in two directions normal to the axes of rotation and to one another. The rotary piston circumscribes in the cylinder workspaces that have periodically varying volume according to the invention. The rotary piston [[may be]] is supported by sliding means on a guide ring pivoted in the sidewall in a rotating way around of the axis of rotation. The guide ring [[may be]] is provided with a bore. A supporting shaft passes through the bore. The rotary piston [[may be]] is further supported on the supporting shaft for sliding movement normal to the axis of the supporting shaft or in a rotating way on a supporting eccentric member connected with the supporting shaft. Advantageously, the rotating piston can be provided with an inboard sliding element having sliding means for a sliding fit of the rotating piston on the guide ring. Advantageously, the sliding means of the rotating piston can be mutually turned by 90°, and the guide ring can be pivoted in the sidewall in both a rotating and sliding way in a direction normal to the axis of the guide ring. The guide ring can also have an end disinclined from the rotating piston. The end of the guide ring can be provided with a recess that has an additional inner sliding means, the additional inner guiding surface arranged vertically to the guiding surfaces. A guide element may be fitted in a sliding way in the additional inner guiding surface. The guide element can be pivoted in a rotating way in a cylindrical eccentric of the supporting shaft and the cylindrical eccentric and the supporting cylindrical eccentric being

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mutually turned one to another by 180°. Yet another advantage is that the space of the sliding element created for movement of the guide ring can be connected with vents for entry and outlet of lubricant and/or coolant.